PSTN 22

IP Network 24

PDSN 20

MSC 18

BSC 16

10

BTS 14a

BTS 14b

BTS 14c

MS 12a

MS 12b

MS 12c

MS 12d

FIG. 1

Set current tx parameters = old tx parameters — 200

Decode current message using current tx para. — 210

Check CRC bits- PASS? — 220

YES → SUCCESS — 240

NO

Set current tx para. = old tx para + 1 — 230

Decode & check bits PASS? — 250

YES → SUCCESS

NO

Set current tx. para = old tx para - 1 — 260

Decode & check bits PASS? — 270
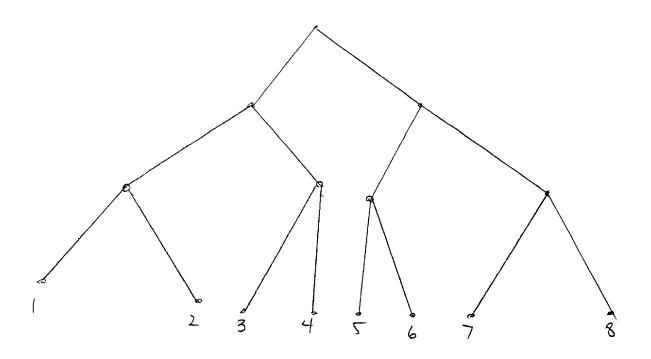
YES → SUCCESS

NO

USE OLD METHOD — 280

FIG. 2

Note: Tree can have varying depths for variable length Walsh codes

FIG. 3A

Walsh codes:

1	2	3	4	5	6	7	8
1	0	0	0	1	0	0	1

FIG. 3B

Walsh codes: 1   2   3   4   5   6   7   8

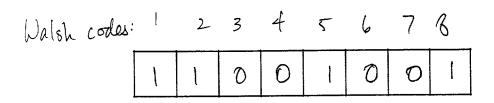| 1	1	0	0	1	0	0	1

FIG. 3C

Walsh codes   1   0   4   3   6   2   8   7

$WS_3 = 1,0,4$

$WS_4 = 1,0,4,3$

$WS_5 = 1,0,4,3,6$

FIG. 4